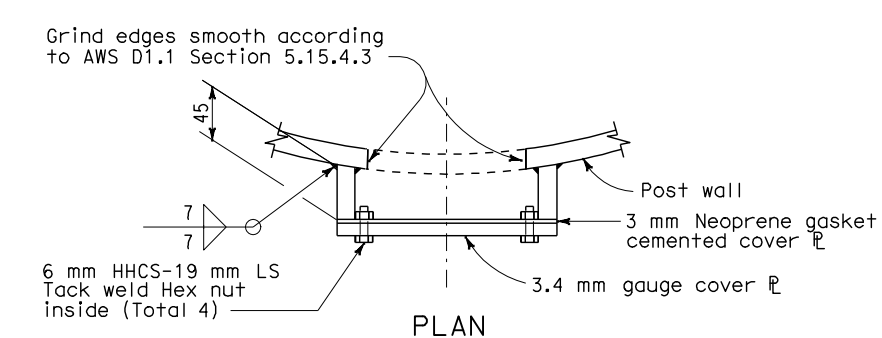
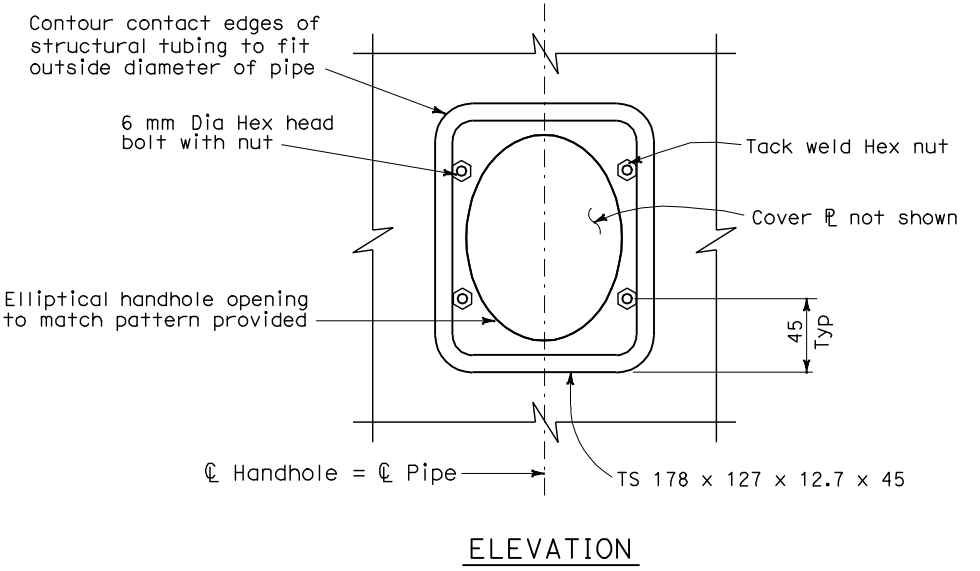


SECTION G-G

CIDH PILE FOUNDATION DETAILS

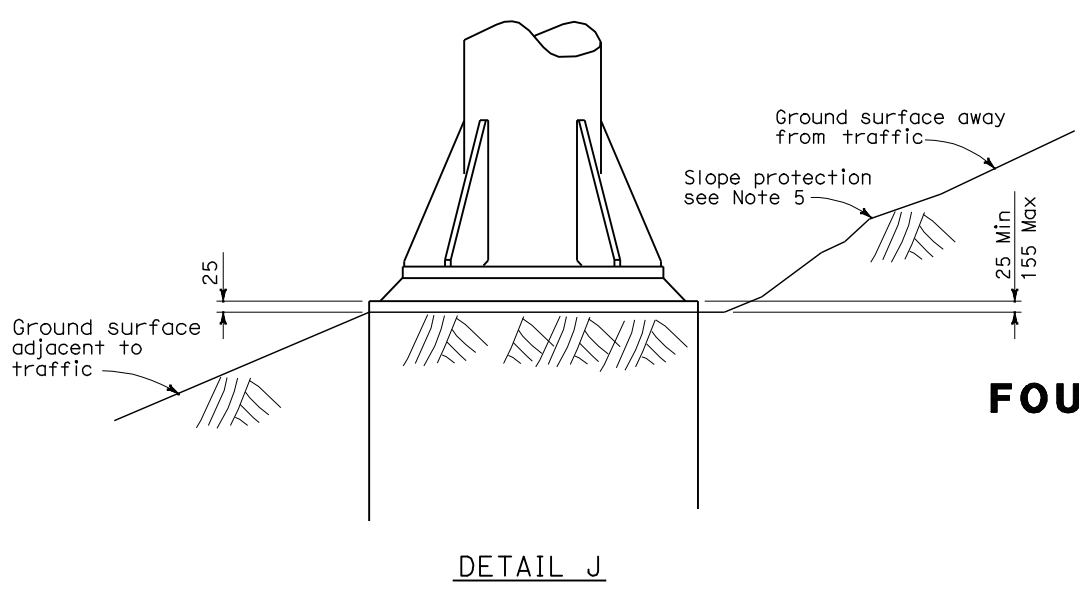


PLAN



ELEVATION

DETAILS OF LOWER HANDHOLE AND COVER



DETAIL J

To accompany plans dated \_\_\_\_\_

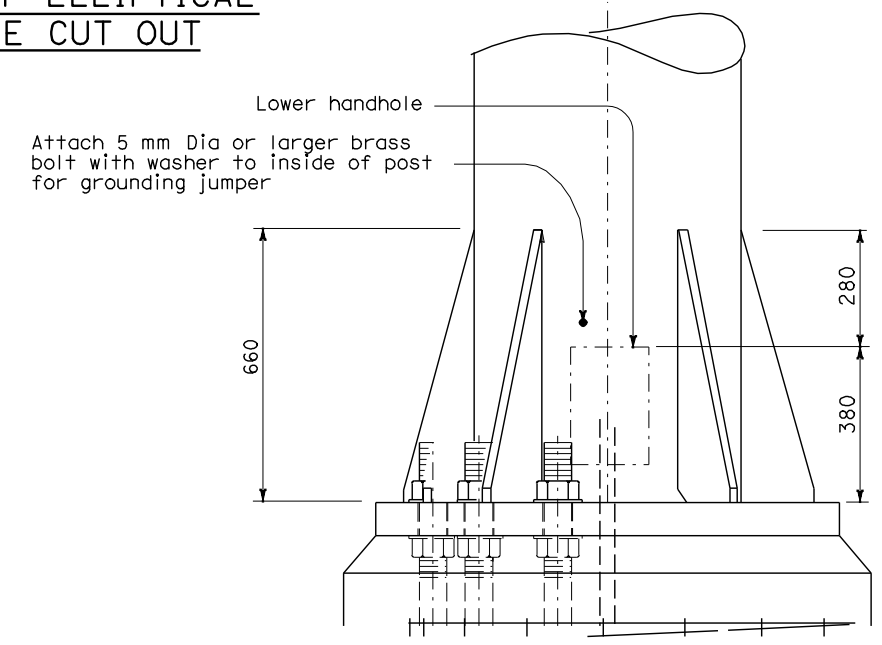


DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER  
January 24, 2005  
PLANS APPROVAL DATE  
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.  
To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

**REGISTERED PROFESSIONAL ENGINEER**  
Tillat Sattar  
No. C42892  
Exp. 03-31-2006  
CIVIL  
STATE OF CALIFORNIA

PATTERN OF ELLIPTICAL HANDHOLE CUT OUT



POST BASE ELEVATION

NOTES

1. Pile shall be placed against undisturbed material.
2. Primer and paint post interior from base plate to 150 mm above lower handhole-unless post is galvanized.
3. On single post sign structures, the post shall be raked out of plumb, with the use of leveling nuts to make the bottom of the sign frame level.
4. When foundation is located on a steep slope with exposed face of concrete adjacent to traffic, see "DETAIL J".
5. Slope protection required when indicated on Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 1922 kg/m<sup>3</sup>.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**OVERHEAD SIGN-TRUSS  
SINGLE POST TYPE  
FOUNDATION AND MISCELLANEOUS DETAILS  
CHANGEABLE MESSAGE SIGNS  
MODEL 510**

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN  
RSP S135 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S135  
DATED JULY 1, 2004-PAGE 409 OF THE STANDARD PLANS BOOK DATED JULY 2004.

**REVISED STANDARD PLAN RSP S135**